

### Claims

Claims 1 - 15 (Canceled)

16. (Currently amended) ~~The glass fiber of claim 13, further comprising~~ A substantially non-crystalline glass fiber comprising about .5-30 wt% bismuth oxide, about 54-70 wt% silica, equal to or less than about 20 wt% sodium oxide, and

	Weight Percent (about)
Al <sub>2</sub> O <sub>3</sub>	1 - 5 wt %
CaO	3 - 7 wt %
MgO	1 - 5 wt %
B <sub>2</sub> O <sub>3</sub>	4 - 9 wt %
Na <sub>2</sub> O	9 - 20 wt %
K <sub>2</sub> O	0.0001 - 3 wt %
NiO	0.0001 - 2 wt %
BaO	0.0001 - 5 wt %
Ag <sub>2</sub> O	0.0001 - 1 wt %
F <sub>2</sub>	0.0001 - 1 wt %

Claims 17 - 34 (Canceled)

35. (Previously Presented) A glass fiber comprising about .5-30 wt% bismuth oxide and about 54-70 wt% silica, and a CaO to MgO weight percent ratio of about 3:2.

36. (Canceled)